

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/737,251A
Source: 1FW16
Date Processed by STIC: 7/7/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 07/07/2006

PATENT APPLICATION: US/10/737,251A

TIME: 17:06:00

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\07072006\J737251A.raw

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4 <110> APPLICANT: Pal Maliga
5      Jon Y. Suzuki
7 <120> TITLE OF INVENTION: Plastid rRNA Operon PromoterElements for
8      Construction of Chimeric Promoters for Transgene Expression
11 <130> FILE REFERENCE: 1594 RUT 03-083US
13 <140> CURRENT APPLICATION NUMBER: 10/737,251A
14 <141> CURRENT FILING DATE: 2003-12-15
16 <150> PRIOR APPLICATION NUMBER: 60/433,302
17 <151> PRIOR FILING DATE: 2002-12-13
19 <160> NUMBER OF SEQ ID NOS: 52
21 <170> SOFTWARE: FastSEQ for Windows Version 3.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 179
25 <212> TYPE: DNA
26 <213> ORGANISM: Nicotiana tabacum
28 <400> SEQUENCE: 1
29   ctcagcggta gagtgtcacc ttgacgtggt ggaagtcac agttcgagcc tgattatccc      60
30   taagcccaat gtgagttttt ctagttggat ttgctccccc gccgtcggtc aatgagaatg      120
31   gataagaggc tcgtgggatt gacgtgaggg ggcagggatg gctatatttc tgggagcga      179
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 156
35 <212> TYPE: DNA
36 <213> ORGANISM: Escherichia Coli
38 <400> SEQUENCE: 2
39   gctgaacaat tattgcccgt tttacagcgt tacggcttcg aaacgctcga aaaactggca      60
40   gttttaggct gatttggttg aatgttgcgc ggtcagaaaa ttattttaaa tttcctcttg      120
41   tcaggccgga ataactccct ataatgcgcc accact      156
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44 <211> LENGTH: 112
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Prn promoter derivative
52 <400> SEQUENCE: 3
53   gagctcatga gaatggataa gaggctcgtg ggattgacgt gagggggcag ggatggctat      60
54   atttctggga gcgaactccg ggcgaaatag aagcgcatgg atacaagaat tc      112
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 112
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Prn promoter derivative
64 <400> SEQUENCE: 4

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65 gagctctaca gaatggataa gaggctcgtg ggattgacgt gagggggcag ggatggctat      60
66 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 112
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Prn promoter derivative
76 <400> SEQUENCE: 5
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78 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 112
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Prn promoter derivative
88 <400> SEQUENCE: 6
89 gagctcatga gatacgataa gaggctcgtg ggattgacgt gagggggcag ggatggctat      60
90 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 112
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Prn promoter derivative
100 <400> SEQUENCE: 7
101 gagctcatga gaatgctaaa gaggctcgtg ggattgacgt gagggggcag ggatggctat      60
102 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 112
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Prn promoter derivative
112 <400> SEQUENCE: 8
113 gagctcatga gaatggattt caggctcgtg ggattgacgt gagggggcag ggatggctat      60
114 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
116 <210> SEQ ID NO: 9
117 <211> LENGTH: 112
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Prn promoter derivative
124 <400> SEQUENCE: 9
125 gagctcatga gaatggataa gtccctcgtg ggattgacgt gagggggcag ggatggctat      60
126 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
128 <210> SEQ ID NO: 10
129 <211> LENGTH: 112

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133 <220> FEATURE:
134 <223> OTHER INFORMATION: Prn promoter derivative
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138 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 112
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Prn promoter derivative
148 <400> SEQUENCE: 11
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150 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
152 <210> SEQ ID NO: 12
153 <211> LENGTH: 112
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Prn promoter derivative
160 <400> SEQUENCE: 12
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162 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
164 <210> SEQ ID NO: 13
165 <211> LENGTH: 112
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Prn promoter derivative
172 <400> SEQUENCE: 13
173 gagctcatga gaatggataa gaggctcgtg ggaaacacgt gagggggcag ggatggctat      60
174 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
176 <210> SEQ ID NO: 14
177 <211> LENGTH: 112
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Prn promoter derivative
184 <400> SEQUENCE: 14
185 gagctcatga gaatggataa gaggctcgtg ggattgtgct gagggggcag ggatggctat      60
186 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 112
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Prn promoter derivative

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196 <400> SEQUENCE: 15
197 gagctcatga gaatggataa gaggctcgtg ggattgacga ctgggggagcag ggatggctat      60
198 atttctggga gcgaactccg ggcgaatatg aagcgcacatg atacaagaat tc      112
200 <210> SEQ ID NO: 16
201 <211> LENGTH: 112
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Prn promoter derivative
208 <400> SEQUENCE: 16
209 gagctcatga gaatggataa gaggctcgtg ggattgacgt gacccggcag ggatggctat      60
210 atttctggga gcgaactccg ggcgaatatg aagcgcacatg atacaagaat tc      112
212 <210> SEQ ID NO: 17
213 <211> LENGTH: 112
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Prn promoter derivative
220 <400> SEQUENCE: 17
221 gagctcatga gaatggataa gaggctcgtg ggattgacgt gagggccgag ggatggctat      60
222 atttctggga gcgaactccg ggcgaatatg aagcgcacatg atacaagaat tc      112
224 <210> SEQ ID NO: 18
225 <211> LENGTH: 112
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Prn promoter derivative
232 <400> SEQUENCE: 18
233 gagctcatga gaatggataa gaggctcgtg ggattgacgt gagggggcgc ctagggctat      60
234 atttctggga gcgaactccg ggcgaatatg aagcgcacatg atacaagaat tc      112
236 <210> SEQ ID NO: 19
237 <211> LENGTH: 112
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Prn promoter derivative
244 <400> SEQUENCE: 19
245 gagctcatga gaatggataa gaggctcgtg ggattgacgt gagggggcag gctaggctat      60
246 atttctggga gcgaactccg ggcgaatatg aagcgcacatg atacaagaat tc      112
248 <210> SEQ ID NO: 20
249 <211> LENGTH: 112
250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Prn promoter derivative
256 <400> SEQUENCE: 20
257 gagctcatga gaatggataa gaggctcgtg ggattgacgt gagggggcag ggatccgtat      60
258 atttctggga gcgaactccg ggcgaatatg aagcgcacatg atacaagaat tc      112
260 <210> SEQ ID NO: 21

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261 <211> LENGTH: 112
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Prn promoter derivative
268 <400> SEQUENCE: 21
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270 atttctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
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273 <211> LENGTH: 112
274 <212> TYPE: DNA
275 <213> ORGANISM: Artificial Sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Prn promoter derivative
280 <400> SEQUENCE: 22
281 gagctcatga gaatggataa gaggctcgtg ggattgacgt gagggggcag ggatggctat      60
282 taatctggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
284 <210> SEQ ID NO: 23
285 <211> LENGTH: 112
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Prn promoter derivative
292 <400> SEQUENCE: 23
293 gagctcatga gaatggataa gaggctcgtg ggattgacgt gagggggcag ggatggctat      60
294 attagagggga gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
296 <210> SEQ ID NO: 24
297 <211> LENGTH: 112
298 <212> TYPE: DNA
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Prn promoter derivative
304 <400> SEQUENCE: 24
305 gagctcatga gaatggataa gaggctcgtg ggattgacgt gagggggcag ggatggctat      60
306 atttctccca gcgaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
308 <210> SEQ ID NO: 25
309 <211> LENGTH: 112
310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: Prn promoter derivative
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317 gagctcatga gaatggataa gaggctcgtg ggattgacgt gagggggcag ggatggctat      60
318 atttctgggt cggaactccg ggcgaatatg aagcgcatgg atacaagaat tc      112
320 <210> SEQ ID NO: 26
321 <211> LENGTH: 112
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:

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VERIFICATION SUMMARY

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